

Remarks/Arguments

Claims 1, 25, and 26 are pending and are rejected. Claim 26 is objected to. Responsive to the objection to claim 26, applicant has renumbered the second claim 25 as claim 26, as suggested by the Examiner.

Responding to the rejection of claim 1, and its dependent claims 25 and 26, applicant respectfully submits that these three claims are patentable over US 5,812,184 ("Martinez") because a person skilled in the art would not round the "calculated value of said periodic signal to an integer number of kHz," as recited in claim 1, in view of the teachings of Martinez.

As stated in Martinez at col. 13, lines 47-52, any signal intended to visually cancel by alternating its polarity must possess a fundamental frequency which is an odd multiple of one-half the television horizontal scan frequency. The fundamental frequency, therefore, must be as accurate as possibly achieved by a system, so that complete cancellation can be achieved. For example, at col. 14, lines 59-63, Martinez specifies a fundamental frequency down to the unit of Hz, i.e., 2.006118 MHz, which is 255 times one-half the horizontal scan frequency. As a second example, Martinez at col. 13, lines 57-63 states that the frequency of a NTSC color subcarrier is at a multiple of 455 times one-half the horizontal scan rate in a frequency of 3.579545 MHz, "which is well known in the art." Here, Martinez specifies the frequency of the NTSC color subcarrier also down to the unit of Hz. These two examples signify that a system should produce a frequency with a resolution of at least one Hz because the two calculated frequencies can be specified down to at least the third decimal place, for example, as follows:
2,006,118.881 Hz ($255 \times 0.5 \times 15,734.26573$ Hz) and 3,579,545.454 Hz ($455 \times 0.5 \times 15,734.26573$ Hz). Martinez, however, does not disclose or suggest that a resolution of one KHz, which is on the order of 1000 times the resolution specified in Martinez, would be sufficient for the intended purposes of the above two applications. In fact, by specifying the two frequencies to the unit of Hz, Martinez teaches away from rounding the calculated frequency to the unit of KHz. As such, a person of ordinary skill in the art would not purposely round the calculated frequency to the unit of KHz in view of the teachings of Martinez, as recited in claim 1. Applicant respectfully requests that the Examiner provides a

reference disclosing or suggesting rounding the calculated frequency to the unit to KHz, or withdraw the rejection to claims 1, 25, and 26.

Having fully addressed the Examiner's objections and rejections it is believed that, in view of the preceding amendments and remarks, this application stands in condition for allowance. Accordingly, reconsideration and allowance are respectfully solicited. If, however, the Examiner is of the opinion that such action cannot be taken, the Examiner is invited to contact the applicant's attorney at (609) 734-6813, so that a mutually convenient date and time for a telephonic interview may be scheduled.

Respectfully submitted,


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CERTIFICATE OF MAILING

I hereby certify that this amendment is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to [Mail Stop Non-Fee Amendment], Commissioner for Patents, Alexandria, Virginia 22313-1450 on:

6 - 25 - 03
Date

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